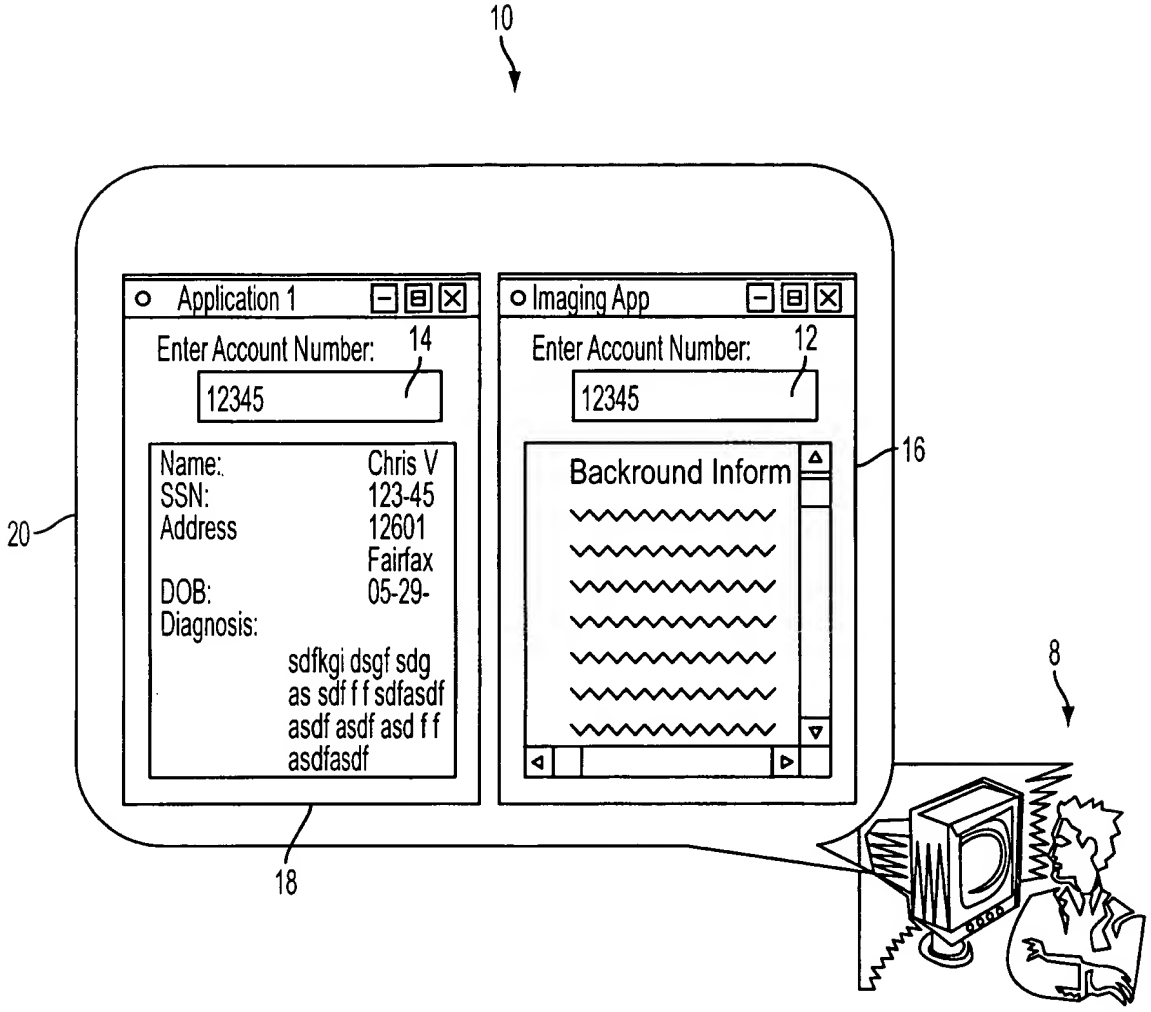
10
Application 1
Enter Account Number:
14
12345
Name:
Chris V
SSN:
123-45
Address
12601
Fairfax
DOB:
05-29-
Diagnosis:
sdfkgj dsgf sdg
as sdf f f sdfasdf
asdf asdf asd f f
asdfasdf
18
20
Imaging App
Enter Account Number:
12
12345
Backround Inform
16
8
22

FIG. 1

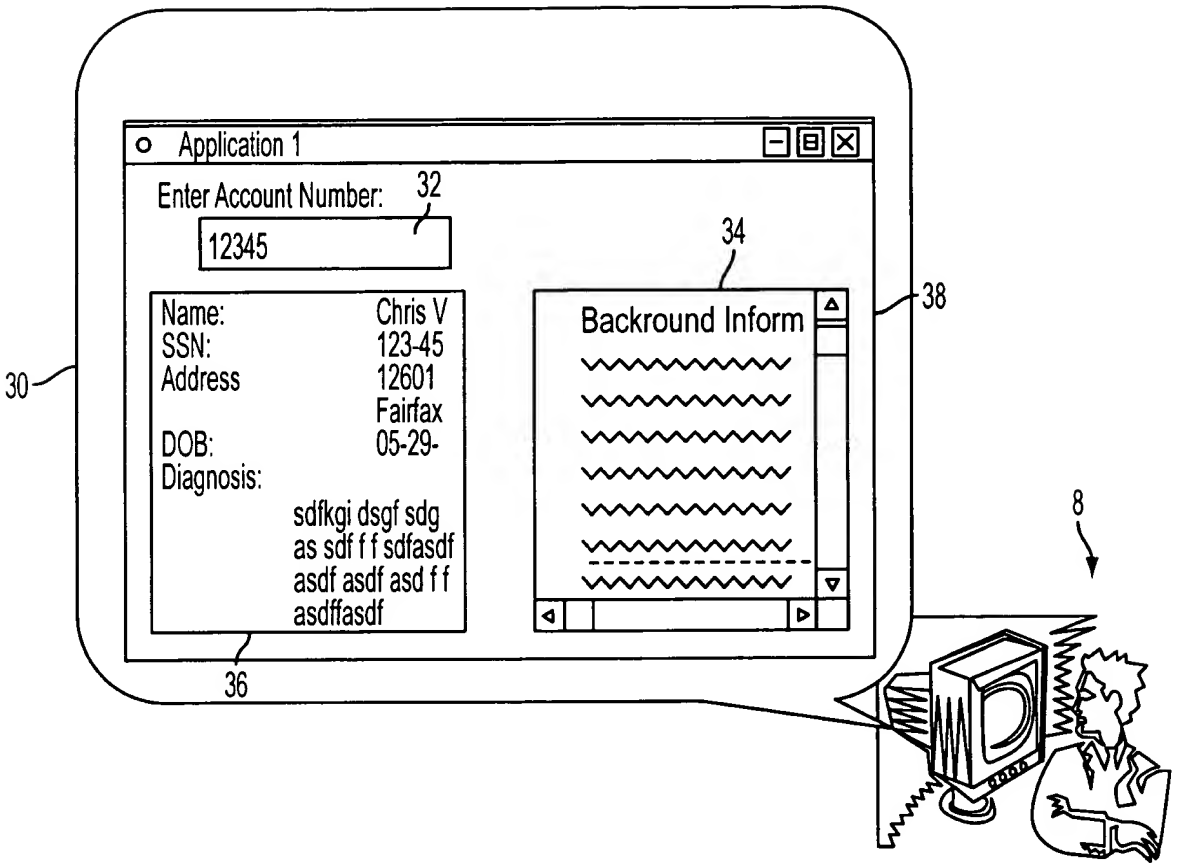
Application 1
Enter Account Number:
32
12345
34
Name: Chris V
SSN: 123-45
Address 12601
Fairfax
DOB: 05-29-
Diagnosis:
sdfkgi dsgf sdg
as sdf f f sdfasdf
asdf asdf asd f f
asdffasdf
Backround Inform
30
36
38
8

FIG. 2

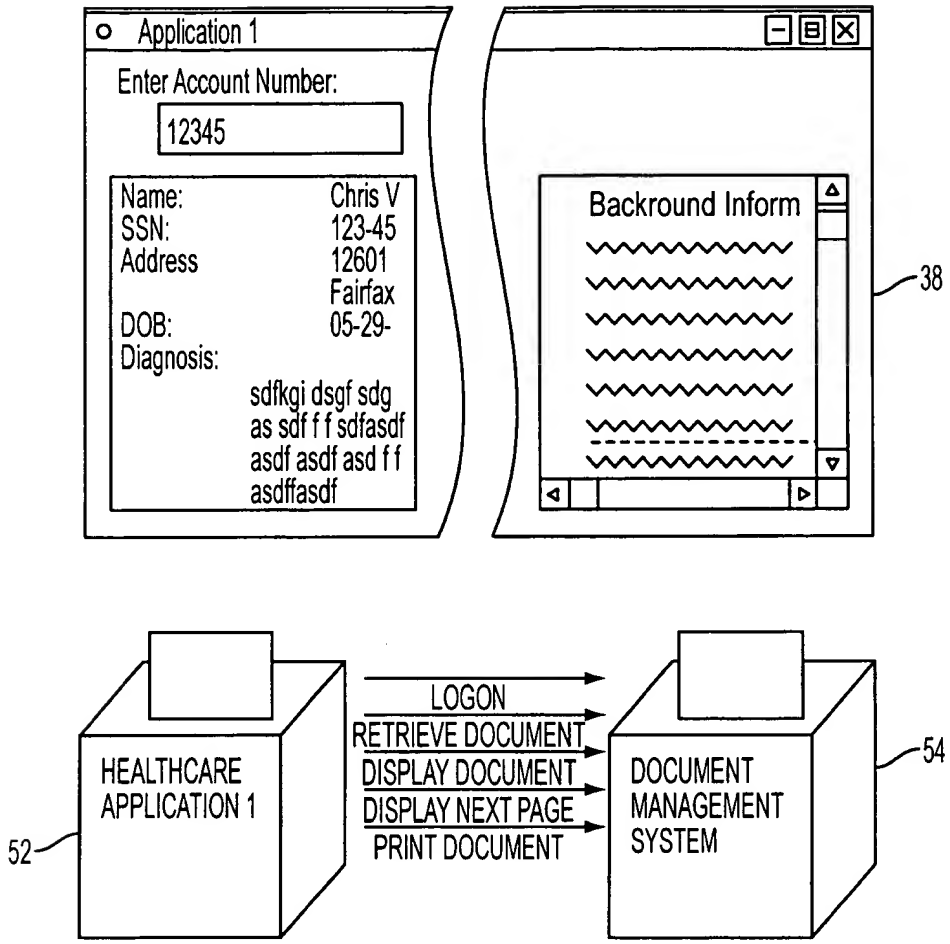
Application 1
Enter Account Number:
12345
Name: Chris V
SSN: 123-45
Address 12601
Fairfax
DOB: 05-29-
Diagnosis:
sdfkgj dsgf sdg
as sdf f f sdfasdf
asdf asdf asd f f
asdffasdf
Backround Inform
38
HEALTHCARE APPLICATION 1
52
LOGON
RETRIEVE DOCUMENT
DISPLAY DOCUMENT
DISPLAY NEXT PAGE
PRINT DOCUMENT
DOCUMENT MANAGEMENT SYSTEM
54

FIG. 3

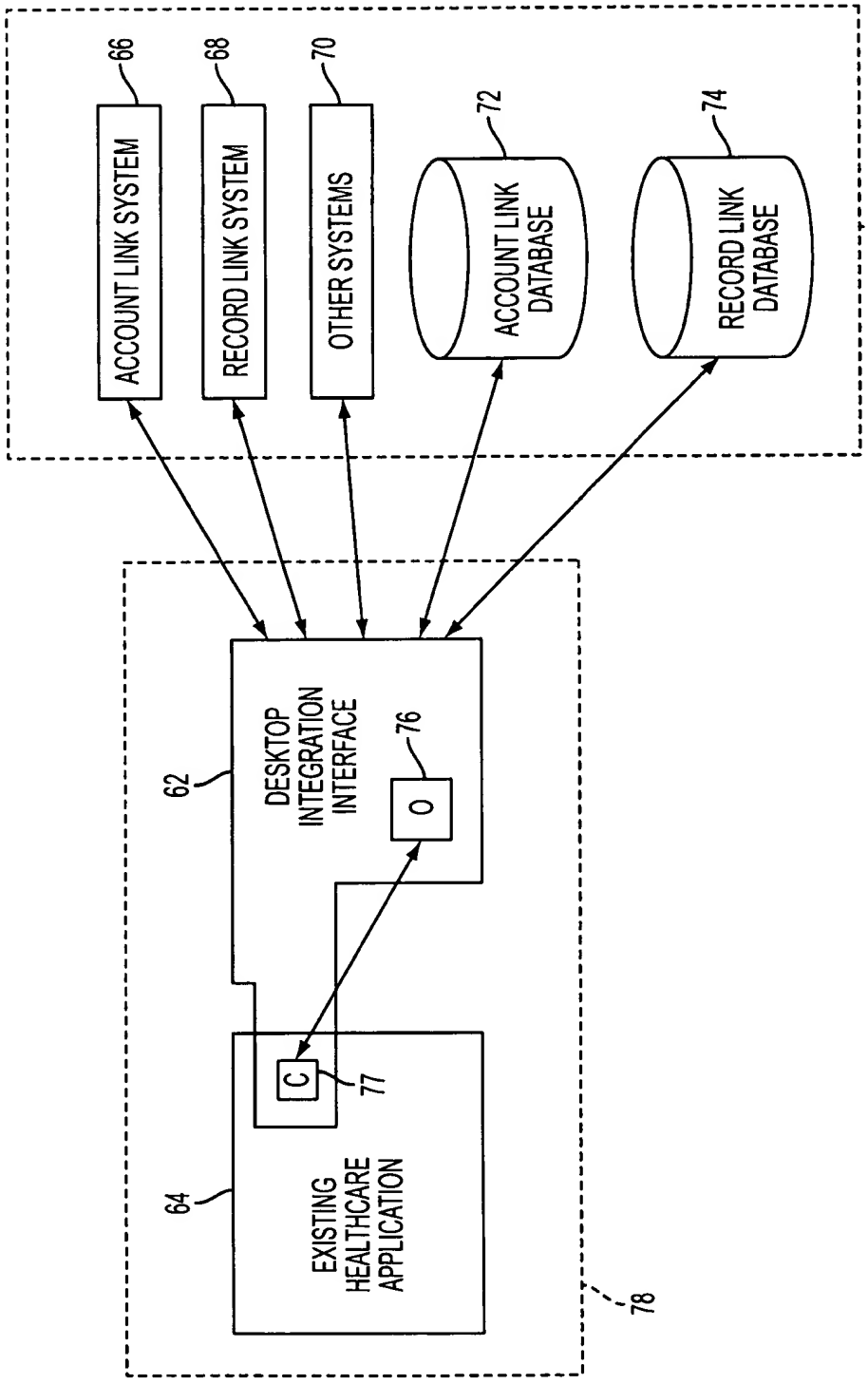
66
68
70
72
74
ACCOUNT LINK SYSTEM
RECORD LINK SYSTEM
OTHER SYSTEMS
ACCOUNT LINK DATABASE
RECORD LINK DATABASE
79
62
DESKTOP INTEGRATION INTERFACE
76
O
C
77
64
EXISTING HEALTHCARE APPLICATION
78

FIG. 4

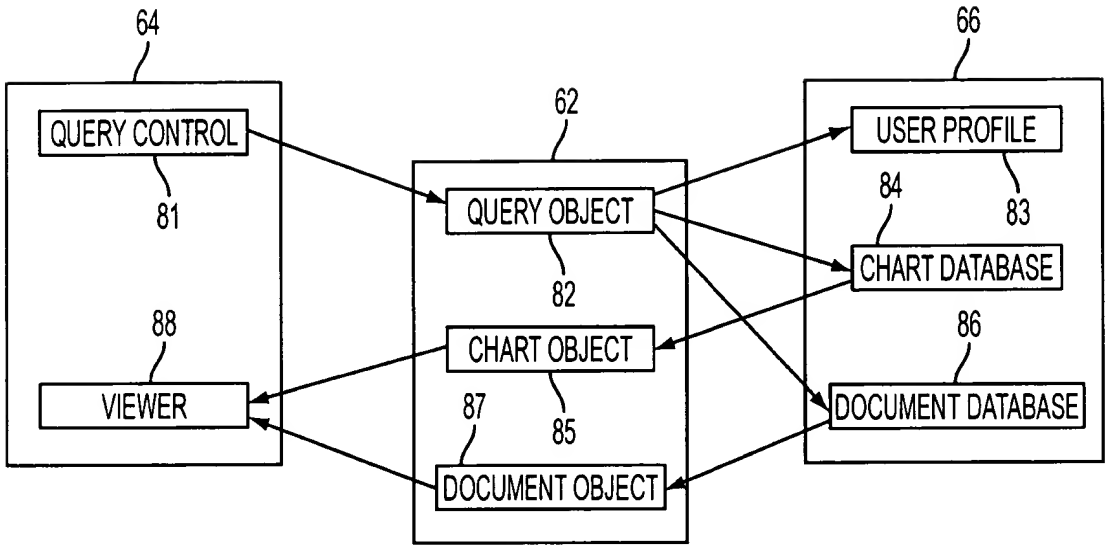
64
66
62
QUERY CONTROL
81
QUERY OBJECT
82
USER PROFILE
83
84
CHART DATABASE
88
CHART OBJECT
86
VIEWER
87
85
DOCUMENT DATABASE
DOCUMENT OBJECT

FIG. 5

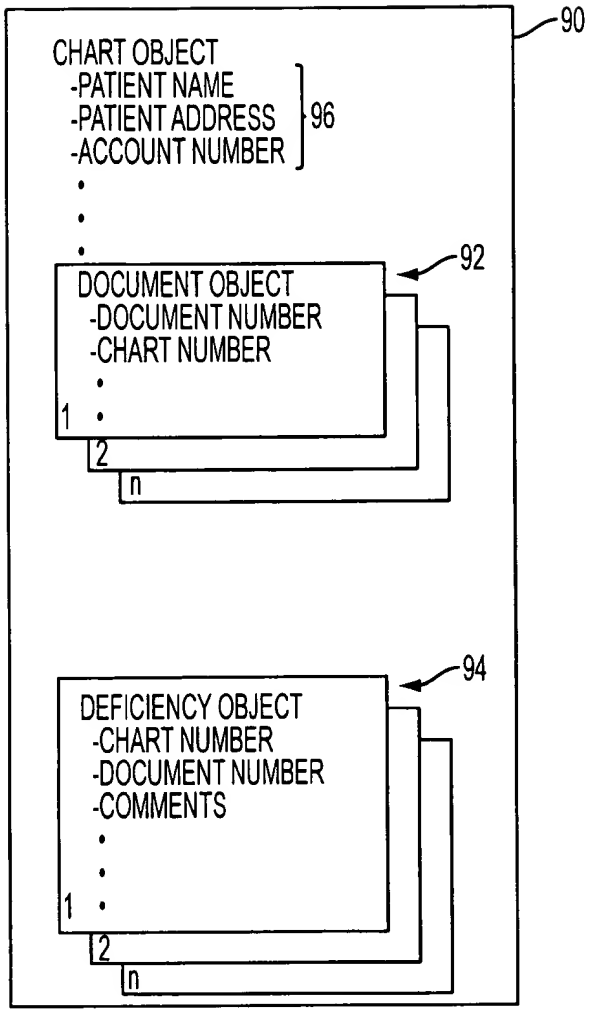
90
CHART OBJECT
-PATIENT NAME
-PATIENT ADDRESS
-ACCOUNT NUMBER
96
92
DOCUMENT OBJECT
-DOCUMENT NUMBER
-CHART NUMBER
1
2
n
94
DEFICIENCY OBJECT
-CHART NUMBER
-DOCUMENT NUMBER
-COMMENTS
1
2
n

FIG. 6

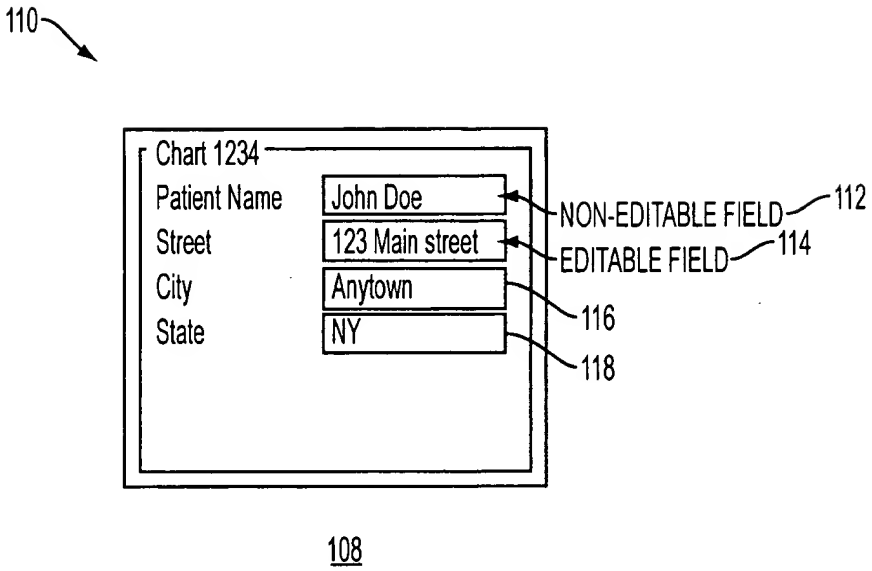
110
Chart 1234
Patient Name
John Doe
Street
123 Main street
City
Anytown
State
NY
NON-EDITABLE FIELD
112
EDITABLE FIELD
114
116
118
108

FIG. 7

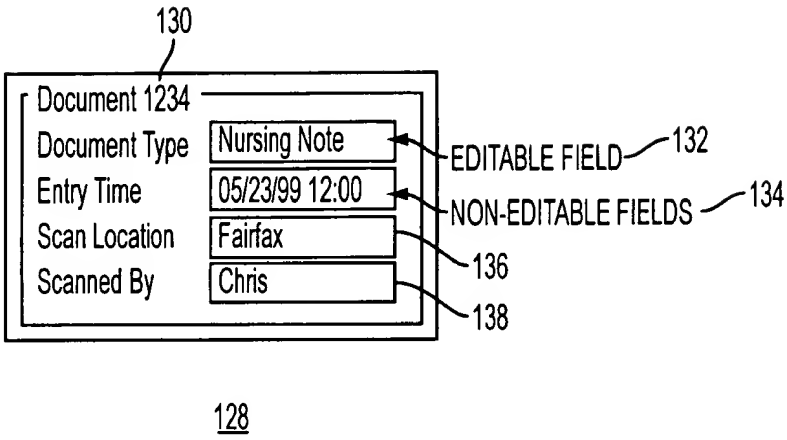
130
Document 1234
Document Type
Nursing Note
Entry Time
05/23/99 12:00
Scan Location
Fairfax
Scanned By
Chris
EDITABLE FIELD
132
NON-EDITABLE FIELDS
134
136
138
128

FIG. 8

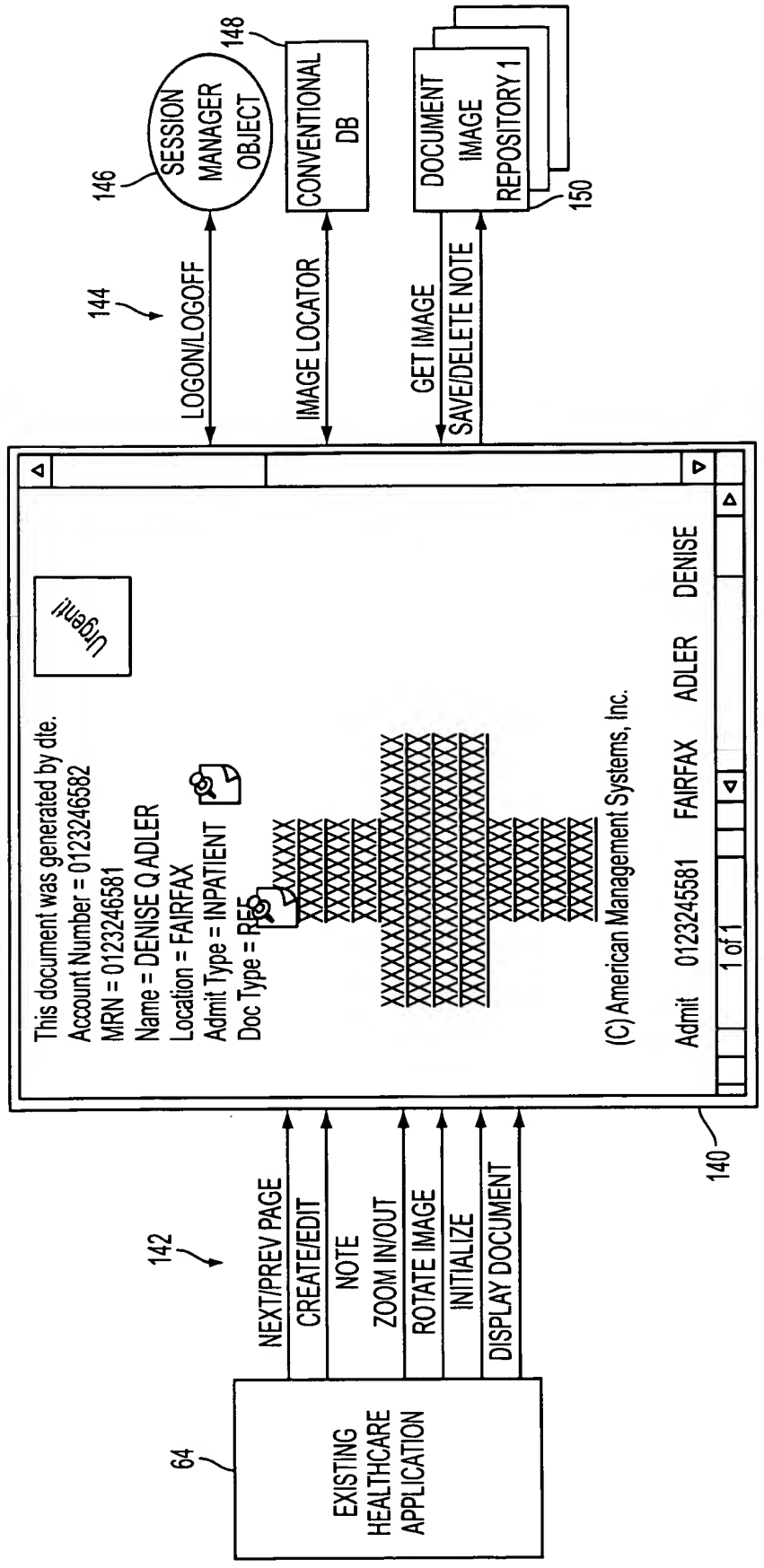
64
EXISTING HEALTHCARE APPLICATION
142
NEXT/PREV PAGE
CREATE/EDIT NOTE
ZOOM IN/OUT
ROTATE IMAGE
INITIALIZE
DISPLAY DOCUMENT
140
Ugent!
This document was generated by dte.
Account Number = 0123246582
MRN = 0123246581
Name = DENISE Q ADLER
Location = FAIRFAX
Admit Type = INPATIENT
Doc Type = RES
(C) American Management Systems, Inc.
Admit 0123245581 FAIRFAX ADLER DENISE
1 of 1
IMAGE DISPLAY CONTROL
144
LOGON/LOGOFF
IMAGE LOCATOR
GET IMAGE
SAVE/DELETE NOTE
146
SESSION MANAGER OBJECT
148
CONVENTIONAL DB
DOCUMENT IMAGE REPOSITORY 1
150

FIG. 9

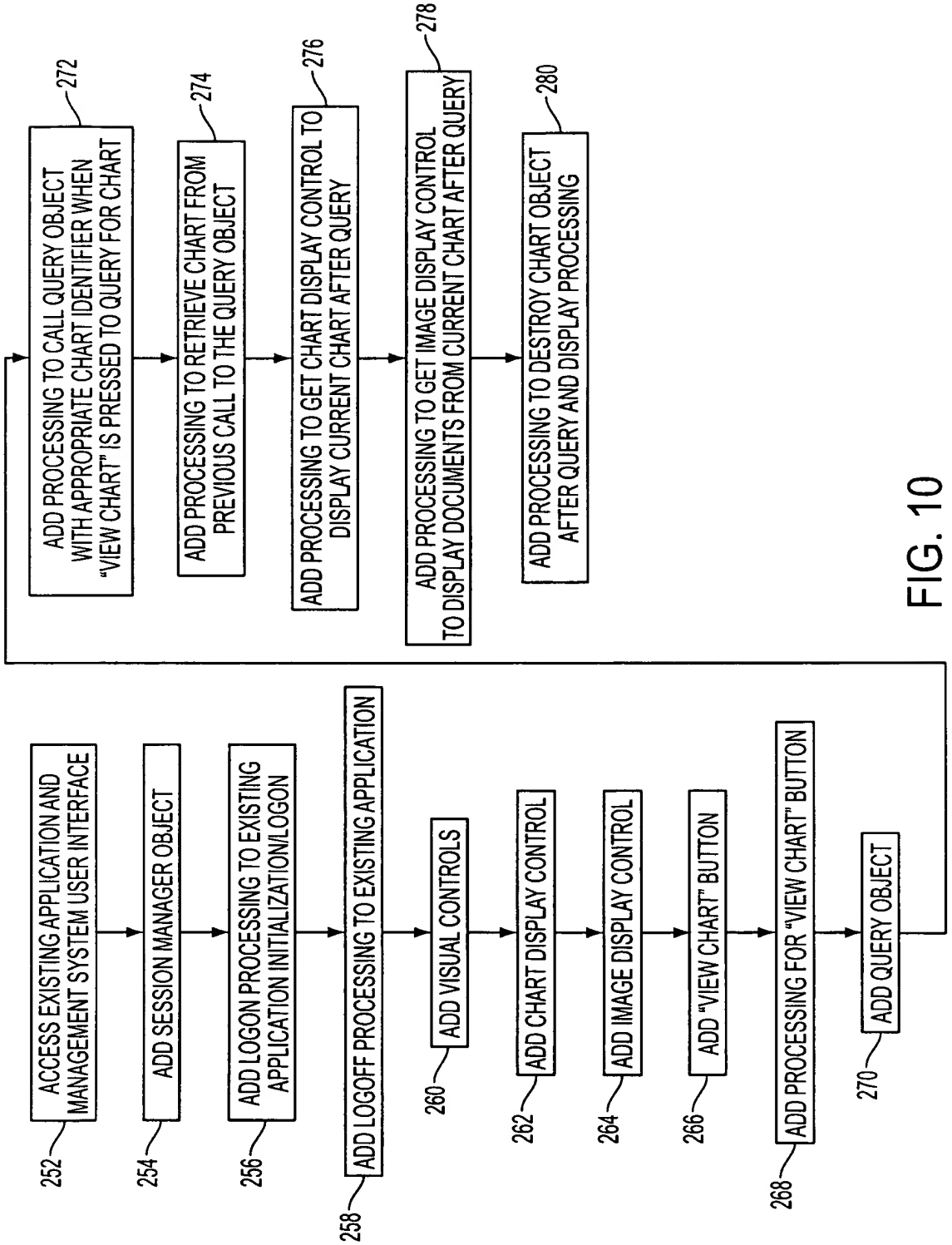
ACCESS EXISTING APPLICATION AND MANAGEMENT SYSTEM USER INTERFACE
252
ADD SESSION MANAGER OBJECT
254
ADD LOGON PROCESSING TO EXISTING APPLICATION INITIALIZATION/LOGON
256
ADD LOGOFF PROCESSING TO EXISTING APPLICATION
258
ADD VISUAL CONTROLS
260
ADD CHART DISPLAY CONTROL
262
ADD IMAGE DISPLAY CONTROL
264
ADD "VIEW CHART" BUTTON
266
ADD PROCESSING FOR "VIEW CHART" BUTTON
268
ADD QUERY OBJECT
270
ADD PROCESSING TO CALL QUERY OBJECT WITH APPROPRIATE CHART IDENTIFIER WHEN "VIEW CHART" IS PRESSED TO QUERY FOR CHART
272
ADD PROCESSING TO RETRIEVE CHART FROM PREVIOUS CALL TO THE QUERY OBJECT
274
ADD PROCESSING TO GET CHART DISPLAY CONTROL TO DISPLAY CURRENT CHART AFTER QUERY
276
ADD PROCESSING TO GET IMAGE DISPLAY CONTROL TO DISPLAY DOCUMENTS FROM CURRENT CHART AFTER QUERY
278
ADD PROCESSING TO DESTROY CHART OBJECT AFTER QUERY AND DISPLAY PROCESSING
280

FIG. 10

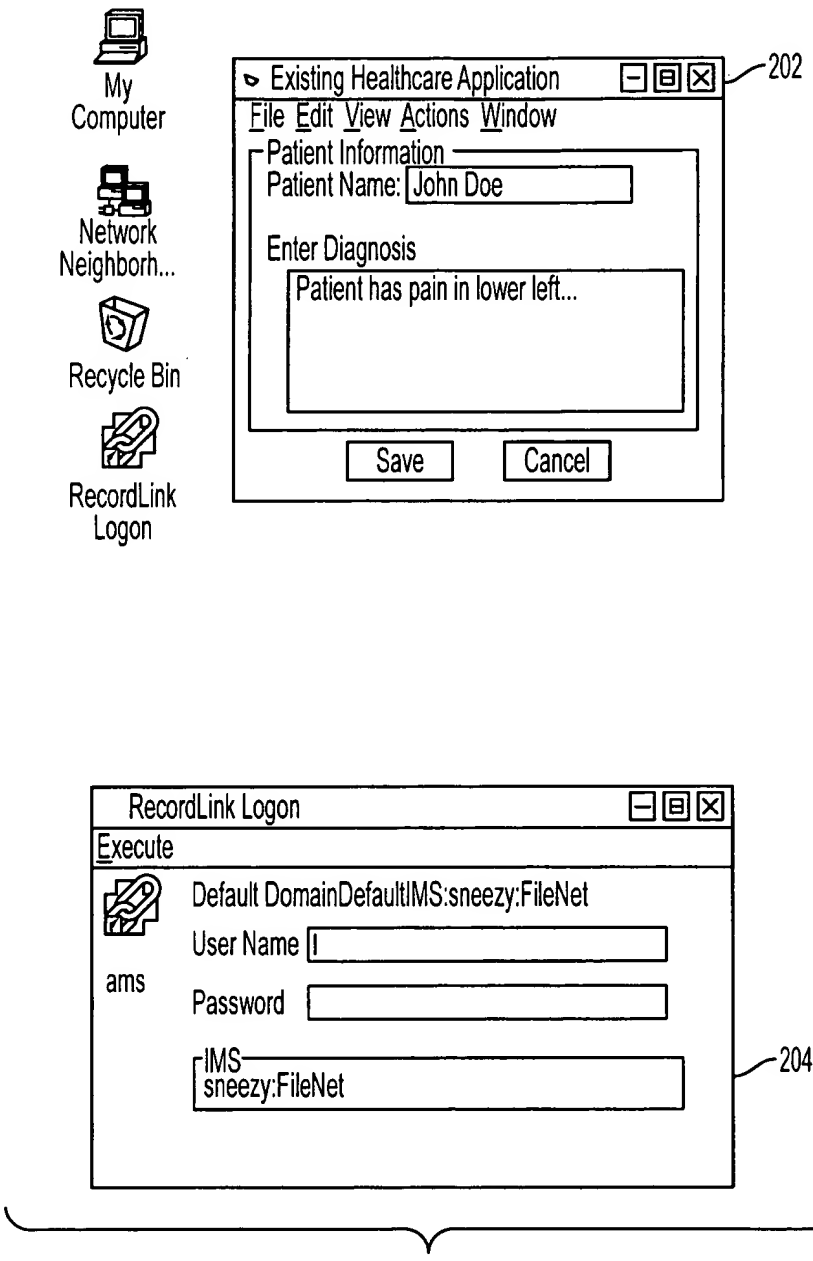
My Computer
Network Neighborh...
Recycle Bin
RecordLink Logon
Existing Healthcare Application
202
File Edit View Actions Window
Patient Information
Patient Name: John Doe
Enter Diagnosis
Patient has pain in lower left...
Save
Cancel
RecordLink Logon
Execute
Default DomainDefaultIMS:sneezy:FileNet
User Name
ams
Password
IMS
sneezy:FileNet
204

FIG. 11

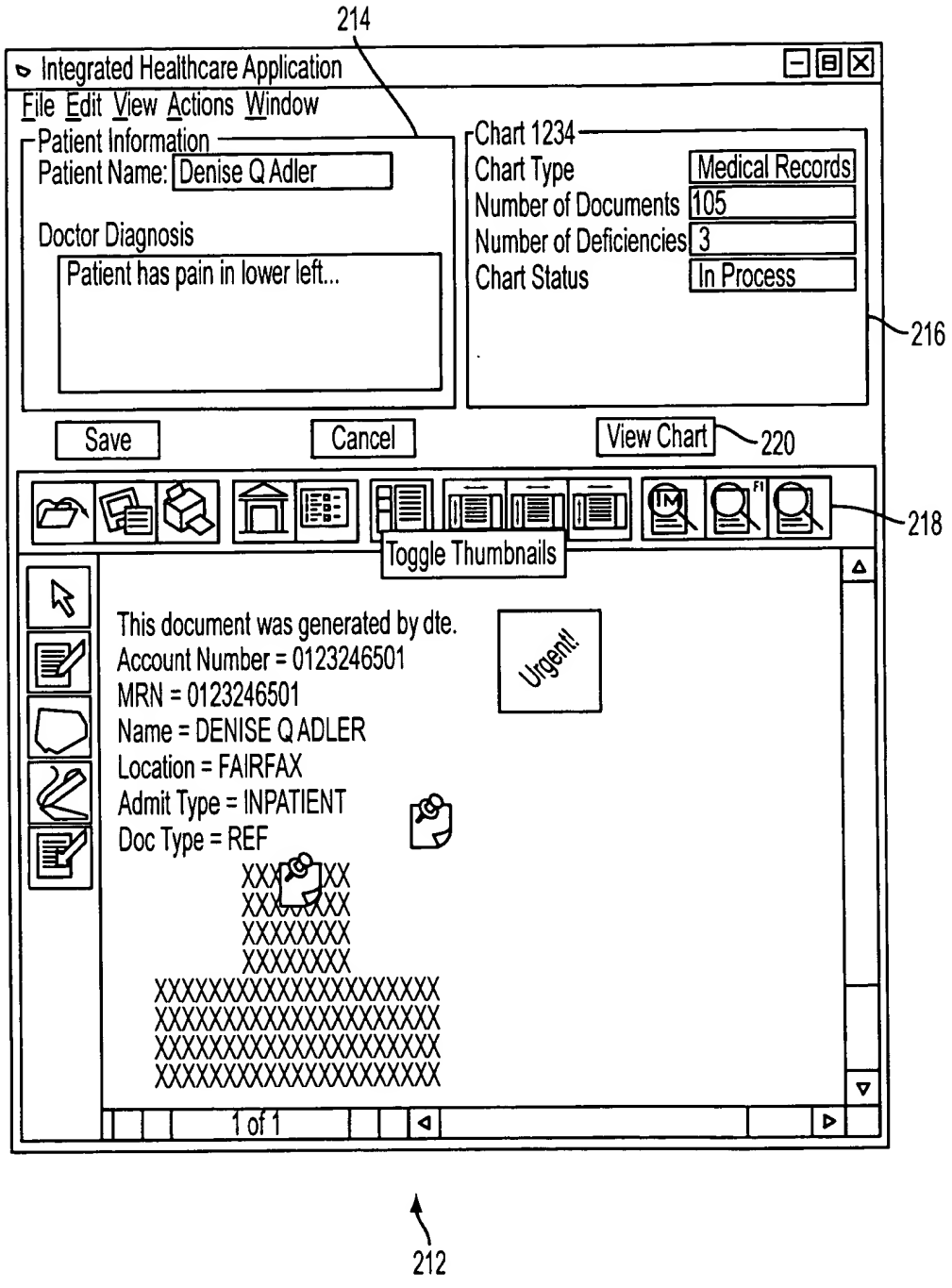
214
Integrated Healthcare Application
File Edit View Actions Window
Patient Information
Patient Name: Denise Q Adler
Doctor Diagnosis
Patient has pain in lower left...
Chart 1234
Chart Type
Medical Records
Number of Documents
105
Number of Deficiencies
3
Chart Status
In Process
216
Save
Cancel
View Chart
220
218
Toggle Thumbnails
This document was generated by dte.
Account Number = 0123246501
MRN = 0123246501
Name = DENISE Q ADLER
Location = FAIRFAX
Admit Type = INPATIENT
Doc Type = REF
Urgent!
1 of 1
212

FIG. 12